COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1000347**
Date Issued: 02/26/2010
Exp. Date: 03/19/2010
Project No: PWP110005
Quad: SW

ENCROACHMENT PERMIT

To: WEST SIDE IRRIGATION DISTRICT
P.O. BOX 177
TRACY, CA 95378

Encroachment Type:

Traffic Control Devices			

Location:
BYRON RD. BETWEEN GRANT LINE RD. TO WICKLUND RD.

In compliance with your request of **02/26/2010** , permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division at (209)953-7421 (Permits Inspections) at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD - Road Closed on 3/15/2010 (Monday) to 3/19/2010 (Friday) from 7:00 P.M. to 5:00 A.M.*** Road opened from 5:00 A.M. to 7:00P.M. (NIGHT WORK ONLY)

FORMS:

SS/WW		

Est. Permit Fee: $500.00

THOMAS R. FLINN, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permitee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-Permit Section

ENCROACHMENT PERMIT

GENERAL PROVISIONS

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:
   STREETS AND HIGHWAYS CODE
   1. Division 1, Chapter 3
   2. Division 2, Chapter 2, Section 942
   3. Division 2, Chapter 4, Section 1126
   4. Division 2, Chapter 6

   SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441; 648, 662, 672, 695, 700, 860, and 892.

2. It is understood and agreed by the Permittee that the doing of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.

3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean a condition as is possible and upon completion of the work granted herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.

4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any injury to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility of such maintenance of the encroachment structure by the County of San Joaquin.

5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Director of Public Works or his representative.

6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway may. require, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved by and at the sole expense of the Permittee.

7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.

8. All work shall be planned and carried out so that there will be as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Barricades shall be placed, With approved Signs and lights at light, and flagmen shall be employed, all as may be required by the particular work in progress.

9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to do the work provided for under this permit. In the event any .claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold them and each of them harmless for such claim.

10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely Stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surfacing is cut or damaged in the work of placing an encroachment structure, such material shall either be separately stored and replaced in the roadway as nearly as possible.in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as It was before the commencement of operations of placing the encroachment structure.

11. Whenever necessary to, secure permission from abutting property owners, such authority must be secured by the Permittee prior to starting work..

12. The future safety and convenience of the traveling public shall be given every consideration in the location and type of construction.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 12-18-10

To: San Joaquin County
Department of Public Works

West Side Irrigation District
(Applicant Name)

PO Box 177
(Mailing Address)

Tracy, CA 95378-0177
(City, State, Zip Code)

209-835-0503 (479-2115 cell #)
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	110005	REF #	
APN		CR #	
EXP. DATE	3/5/2010		
VALID	3/1/2010 TO 3/5/2010		DRIVEWAYS:
STREET	BYRON RD.		*
AREA	TRACY QUAD SW		*
TYPE	TRAFFIC CONTROL DEVICES		*
FORMS	✓		
NOTES			

Sketch (Detailed plans may be submitted)

Attached

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the through side of Byron Road approximately forty (40) feet/~~mile~~ XX of road, , by performing the following work (description of work): Remove existing pipe and replace. Compact and resurface road.

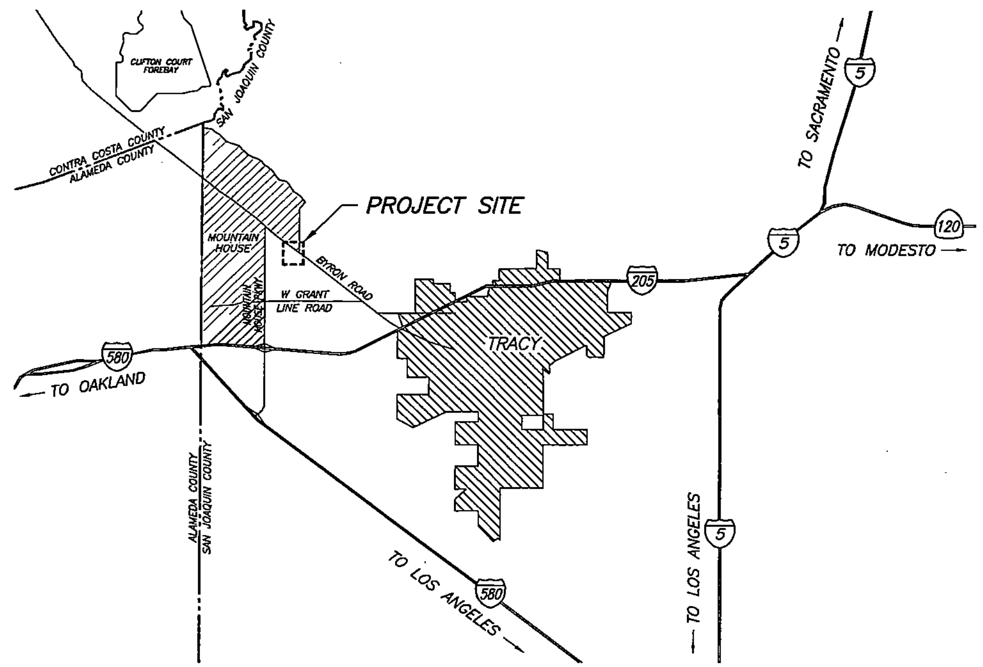
Work will commence on or about March 1, 2010 for approximately two (2) days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

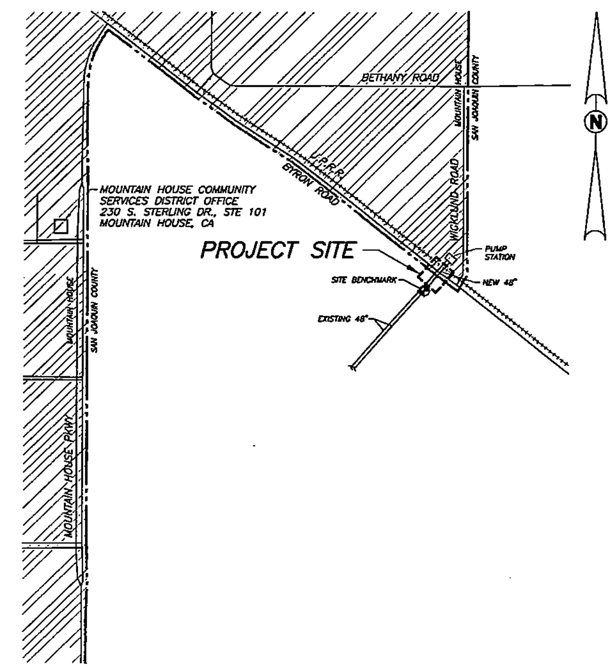
Signature of Applicant - Title

2/18/2010
Date

WESTSIDE IRRIGATION DISTRICT
PIPELINE REPLACEMENT AT BYRON ROAD



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

WSID GENERAL CONSTRUCTION NOTES

1. ALL WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS AS SHOWN IN WESTSIDE IRRIGATION DISTRICTS' ENGINEERING HANDBOOK OF SPECIFICATIONS AND THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT STANDARD SPECIFICATIONS AND DETAILS FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
2. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE SUBJECT TO THE APPROVAL OF THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT DIRECTOR OF PUBLIC WORKS.
3. ALL MATERIAL SHALL BE NEW AND NO SALVAGED MATERIAL OR PREVIOUSLY USED MATERIAL MAY BE USED UNLESS APPROVED BY WESTSIDE IRRIGATION DISTRICTS' ENGINEER.
4. ALL DISTURBED SOIL OUTSIDE OF THE RIGHT-OF-WAY SHALL BE COMPACTED TO A MINIMUM 90% COMPACTION. COMPACTION TESTS SHALL BE MADE AVAILABLE TO WESTSIDE IRRIGATION DISTRICTS' ENGINEER.
5. ALL EXCESS MATERIAL AND/OR DEBRIS SHALL BE REMOVED UPON COMPLETION OF THE INSTALLATION.
6. WESTSIDE IRRIGATION DISTRICT WILL NOT BE RESPONSIBLE FOR ANY WATER THAT MAY FLOW IN THE IRRIGATION FACILITY OR AREA OF CONSTRUCTION DURING THE TIME OF INSTALLATION.
7. WESTSIDE IRRIGATION DISTRICT, (209) 835-0503, SHALL BE NOTIFIED TO DETERMINE A PERIOD THAT WORK MAY BE PERFORMED.
8. THE CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMITS FROM OTHER AGENCIES WHEN APPLICABLE.

GENERAL CONTRACT NOTES

1. BEFORE COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND SIZE OF ALL UTILITIES IN THE WORK AREA.
2. TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION THE CONTRACTOR SHALL CALL "USA" (UNDERGROUND SERVICE ALERT) TOLL FREE AT 1-800-227-2600.
3. CONTRACTOR SHALL NOTIFY CHEVRON, USA, AT (925) 753-2003, AND KINDER-MORGAN, (925) 682-0764, 72 HOURS IN ADVANCE OF ANY WORK ON THE EAST SIDE OF BYRON ROAD.
4. WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH, AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL THE STRUCTURES WHICH MAY BE ENCOUNTERED.
5. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK TO BE PERFORMED IN THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT ROAD RIGHT-OF-WAY. CONTACT THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT PERMIT ENGINEER AT (209) 831-2300 TO OBTAIN THE PERMIT. IF AN ENCROACHMENT PERMIT HAS NOT BEEN OBTAINED WITHIN 12 MONTHS OF THE APPROVAL DATE OF THESE PLANS, ADDITIONAL REVIEW AND REVISIONS TO THE PLANS MAY BE REQUIRED BEFORE THE PERMIT IS ISSUED.

CONTROL INFORMATION

ELEVATIONS SHOWN HEREON ARE IN FEET AND REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988. ELEVATIONS WERE ESTABLISHED FROM AN OPUS SOLUTION PROVIDED BY NATIONAL GEODETIC SURVEY (NGS).

HORIZONTAL COORDINATES SHOWN HEREON ARE IN FEET AND REFER TO THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 3, NAD83 (CORS96 ADJUSTMENT, EPOCH 2002.0000). HORIZONTAL COORDINATES WERE ESTABLISHED FROM AN OPUS SOLUTION PROVIDED BY NATIONAL GEODETIC SURVEY (NGS). THE FOLLOWING CORS STATION WERE USED TO TRIANGULATE A POSITION:

CULLCANYONCN2005 WITH PID DH9024
MORGANTRYCN2005 WITH PID DH3882
LLNL SITE S300 WITH PID AH9962

SITE BENCHMARK

WHITE PAINT DOT ON MOST NORTHERLY 30" CONCRETE BOLLARD OF 4 BOLLARDS, 257 FEET SOUTHWEST OF THE CENTERLINE OF BYRON ROAD, 7 FEET NORTH OF AIR VACUUM VALVE, 180 FEET SOUTHEAST OF OVERHEAD POWERLINE

ELEV. 31.33 NAVD88 DATUM (OPUS SOLUTION)

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT STANDARD SPECIFICATIONS & DETAILS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND COUNTY LAWS AND ORDINANCES RELATING TO SAFETY AND CHARACTER OF WORK, EQUIPMENT AND LABOR PERSONNEL. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE SHORING OF TRENCHES, THE VENTILATION OF CONFINED SPACES, CONFORMANCE TO THE WATCH MANUAL FOR TRAFFIC CONTROL INCLUDING THE PROVISION AND MAINTENANCE OF BARRICADES, AND THE PREPARATION OF A TRAFFIC CONTROL PLAN AS REQUIRED.
3. A MHCSD ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE EXISTING MHCSD RIGHT OF WAY.
4. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL ARRANGE FOR A PRE-CONSTRUCTION MEETING WITH THE MHCSD, THE DESIGN ENGINEER, SOILS ENGINEER, UTILITIES AND OTHER REQUIRED INDIVIDUALS OR PUBLIC AGENCIES AT LEAST TWO WORKING DAYS PRIOR TO START OF WORK.
5. CONSTRUCTION SHALL BE RESTRICTED TO THE HOURS OF 6:00 PM TO 5:00 AM ON WEEKDAYS. EXTENDED HOURS WHICH MAY INCLUDE SATURDAYS AND SUNDAYS MAY BE ALLOWED THROUGH PRIOR NOTICE TO ADJACENT RESIDENTS AND LANDOWNERS, AND PRIOR APPROVAL OF THE MHCSD FOR INFRASTRUCTURE CONSTRUCTION. REFER TO MHCSD STANDARDS CONSTRUCTION SPECIFICATION, SECTION 3-12, FOR CONTRACTOR WORKING HOURS.
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
7. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING UTILITIES AND SHALL NOTIFY UNDERGROUND SERVICE ALERT AT (800) 227-2600 TWO WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION.
8. UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND BASED UPON AVAILABLE DATA. ANY UTILITIES EXPOSED OR DAMAGED BY THE CONTRACTOR SHALL RE REPAIRED BY HIM AT HIS EXPENSE.
9. THE CONTRACTOR SHALL POST AT THE CONSTRUCTION TRAILER EMERGENCY PHONE NUMBERS FOR THE PUBLIC SERVICES, POLICE DEPARTMENT AND FIRE WARDEN.
10. THE CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE ADEQUATE LIABILITY INSURANCE TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE MHCSD AND ITS EMPLOYEES FROM ANY CLAIMS OR DAMAGES THAT MAY ARISE FROM THIS CONSTRUCTION. REFER TO CONSTRUCTION SPECIFICATION, SECTION 3-3.
11. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR ALL REQUIRED INSPECTIONS. THE PRESENCE OR ABSENCE OF A MHCSD OR OTHER INSPECTOR WILL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE PROPER PERFORMANCE OF THE WORK.
12. ANY CONFLICTS WITH THE DESIGN OR ANY CHANGES TO THE PLANS SHALL BE SUBMITTED TO THE DESIGN ENGINEER AND AUTHORIZED BY THE MHCSD BEFORE CONTINUING WITH WORK IN THAT AREA. MAJOR CHANGES SHALL REQUIRE A PLAN REVISION AND MINOR CHANGES SHALL REQUIRE A PLAN CHANGE AUTHORIZATION FROM THE MHCSD.
13. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SURPLUS EXCAVATION, MATERIALS AND DEBRIS FROM THE SITE AND SHALL MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION.
14. ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY THE CONTRACTOR OR ANY SUBCONTRACTOR SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. ALL PUBLIC IMPROVEMENTS FOR THE PROJECT THAT ARE DAMAGED OR DISPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE PRIOR TO ACCEPTANCE BY THE MHCSD.
15. ALL UTILITIES THAT LIE WITHIN THE STREET RIGHT OF WAY, INCLUDING MAINS AND LATERALS, SHALL BE INSTALLED PRIOR TO FINAL STREET SUBGRADE PREPARATION.
16. THE STREET STRUCTURAL SECTION SHALL BE AS SHOWN ON THESE PLANS. THE STREET SECTION AND SUBGRADE CONDITION SHALL BE FIRM, HARD AND UNYIELDING, AND AS REQUIRED BY THE SOILS REPORT OR TO THE SATISFACTION OF MHCSD.
17. AN EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE MHCSD BY THE OWNER FOR REVIEW AND APPROVED PRIOR TO CONSTRUCTION. THE APPROVED PLAN SHALL BE IN ACCORDANCE WITH FEDERAL STATE AND LOCAL LAWS.
18. THE MHCSD SHALL APPROVE ALL FORMS AND GRADES PRIOR TO ANY CONCRETE POUR. MINIMUM TWO WORKING DAYS PRIOR NOTICE IS REQUIRED FOR INSPECTION, AND NO CONCRETE SHALL BE PLACED WITHIN THE HOURS OF SUNSET OR DURING INCLEMENT WEATHER.
19. SEWER LATERALS AND WATER SERVICES SHALL RE SEPARATED WITH 30" MINIMUM HORIZONTAL SPACING.
20. ALL UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED PER MHCSD STANDARD DRAWING NO. UU-16 & UU-17, UNLESS OTHERWISE NOTED.
21. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION. REFER TO MHCSD STANDARD DETAIL NOS. SC-23 AND SC-24.
22. THE MHCSD STANDARD DETAILS SHALL BE INCLUDED AS PART OF THE PLANS.
23. RECYCLABLE CONSTRUCTION WASTE, SUCH AS WOOD AND METAL SHALL BE SEPARATED AND ARRANGEMENT SHALL BE MADE WITH THE COUNTY, OR ON-SITE RECYCLING SERVICES, FOR COLLECTION.
24. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY STANDARDS AND COUNTY PROGRAMS REQUIRING HANDLING, USE AND STORAGE OF HAZARDOUS CHEMICALS OR MATERIALS INCLUDING, BUT NOT LIMITED TO, ASBESTOS. ALL APPLICABLE STANDARDS SHALL BE MADE PART OF THESE PLANS.
25. IN CARRYING OUT THE OPERATIONS OF THIS PROJECT, THE CONTRACTOR SHALL TAKE NO ACTION THAT VIOLATES THE FEDERAL ENDANGERED SPECIES ACT OR THE CALIFORNIA ENDANGERED SPECIES ACT OR ANY OTHER LAWS PERTAINING TO THE PROTECTION OF LISTED ANIMAL AND PLANT SPECIES. COMPLIANCE WITH SAID LAWS SHALL RE THE SOLE RESPONSIBILITY OF THE DEVELOPER, WHO AGREES TO INDEMNIFY, DEFEND AND HOLD THE COUNTY HARMLESS FROM AND AGAINST ANY CLAIM OR ACTION BY AFFECTED FEDERAL OR STATE AGENCIES OR OTHER THIRD PARTY AS TO THE PROJECT'S COMPLIANCE WITH SAID LAWS.
26. A PRE-CONSTRUCTION SURVEY CONSISTENT WITH THE REQUIREMENTS OF SAN JOAQUIN COUNTY MULTI-SPECIES HABITAT CONSERVATION AND OPEN SPACE PLAN, MASTER PLAN APPENDIX 7-C AND PROTOCOLS ESTABLISHED BY STATE AND FEDERAL WILDLIFE AGENCIES SHALL BE CONDUCTED WITHIN TWO CALENDAR WEEKS PRIOR TO GROUND DISTURBANCE TO COVER KIT FOX AS WELL AS THE REMAINDER OF THE COVERED SPECIES. THE PRE-CONSTRUCTION SURVEYS SHALL BE CONDUCTED BY A QUALIFIED BIOLOGIST. ALL APPLICABLE INCIDENTAL TAKE AVOIDANCE MEASURES PRESCRIBED IN SECTION 5.2 OF THE SAN JOAQUIN COUNTY MULTI-SPECIES HABITAT CONSERVATION AND OPEN SPACE PLAN AND THE PRE-CONSTRUCTION SURVEYS SHALL BE IMPLEMENTED. THIS CONDITION SHALL BE MET PRIOR TO ISSUANCE OF PERMITS.
27. IF, DURING THE COURSE OF ANY GRADING ACTIVITY OR CONSTRUCTION, SUBSURFACE ARCHAEOLOGICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED ANYWHERE WITHIN THE PROJECT SITE, THE SAN JOAQUIN COUNTY DEVELOPMENT DEPARTMENT SHALL RE CONTACTED IMMEDIATELY. WORK SHALL BE HALTED IN THE VICINITY OF THE FIND AND A QUALIFIED ARCHAEOLOGICAL OR PALEONTOLOGIST CONSULTED FOR EVALUATION, WHICH MAY ENTAIL TEXT EVALUATION AND/OR MITIGATIVE DATA RECOVERY. THE COUNTY CORONER, THE NATIVE AMERICAN HERITAGE COMMISSION, AND AN ARCHAEOLOGIST SHALL BE INFORMED AND CONSULTED IF A HUMAN PREHISTORIC BURIAL SITE IS DISCOVERED DURING SITE CONSTRUCTION. AN AGREEMENT SHALL BE FORMULATED BETWEEN THE NATIVE AMERICAN REPRESENTATIVE, THE ARCHAEOLOGIST, SAN JOAQUIN COUNTY, AND THE DEVELOPER WITH REGARD TO THE PROPER TREATMENT AND DISPOSITION OF HUMAN REMAINS AND ASSOCIATED ARTIFACTS. SUCH TREATMENT AND DISPOSITION MAY REQUIRE ARCHAEOLOGICAL EXCAVATION AND REBURIAL.
28. CONSTRUCTION TRAFFIC SHALL COMPLY WITH THE CONSTRUCTION TRUCK MANAGEMENT PLAN ADMINISTERED BY THE MHCSD. THE CONTRACTOR SHALL COMPLY TO THE REQUIREMENTS AND SUBMIT A TRUCK ROUTING PLAN.
29. THE CONTRACTOR SHALL VIDEOTAPE THE CONDITIONS OF ALL EXISTING ROADS PRIOR TO CONSTRUCTION WITH MHCSD PERSONNEL AS WITNESS. THE CONTRACTOR SHALL REPAIR ALL DAMAGES INCURRED DURING CONSTRUCTION.
30. THE CONTRACTOR SHALL COMPLY WITH RULES OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT REGARDING REDUCING DUST EMISSIONS DURING CONSTRUCTION. DURING CONSTRUCTION, THE FOLLOWING MEASURED SHALL BE IMPLEMENTED:
    - A. WHILE IN TRANSPORT ALL EARTH MATERIAL TRANSPORTED OFF-SITE SHALL BE EITHER SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNTS OF DUST.
    - B. ALL INTERNAL COMBUSTION ENGINE DRIVEN EQUIPMENT SHALL BE PROPERLY MAINTAINED AND WELL TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
    - C. CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER SUCH THAT DUST EMISSIONS ARE MINIMIZED.
31. ABANDONED WELL(S) AND SEPTIC SYSTEM(S), IF ANY, SHALL MEET THE REQUIREMENTS OF MHCSD STANDARDS CONSTRUCTION SPECIFICATIONS, SECTION 14, AND THE SAN JOAQUIN COUNTY HEALTH DEPARTMENT.
32. ALL LIQUID AND SOLID WASTES FROM CONSTRUCTION OPERATIONS ARE TO RE RETAINED ON THE PREMISES SO AS NOT TO CAUSE A NUISANCE OR A HEALTH PROBLEM.
33. REFUSE, GARBAGE AND OTHER SOLID WASTE MATERIAL SHALL BE STORED, REMOVED AND TRANSPORTED TO AN APPROVED LANDFILL IN ACCORDANCE WITH SAN JOAQUIN COUNTY CODE, SECTION 5-2400.
34. ALL INTERNAL COMBUSTION ENGINES SHALL RE EQUIPPED WITH EXHAUST MUFFLERS THAT ARE IN GOOD WORKING CONDITION AND APPROPRIATE FOR THE EQUIPMENT.
35. PRIOR TO ANY CONSTRUCTION, APPROPRIATE PLANS, OPERATING PROCEDURES AND SAFEGUARDS SHALL BE UNDERTAKEN TO INSURE SAFETY IN THE AREA OF FUEL LINES AND PIPELINES CONSISTENT WITH MHCSD EMERGENCY PREPAREDNESS PLAN.
36. WHERE PRESERVED WETLANDS PROVIDE VALUABLE HABITAT TO WILDLIFE, PROTECTIVE FENCING, SCREENING OR BUFFERS SHALL RE PROVIDED WHERE NECESSARY TO MINIMIZE DISRUPTION OF HABITAT AREAS.
37. BUFFER ZONES ALONG WETLAND RESTORATION AREAS SHALL BE TEMPORARILY FENCED DURING CONSTRUCTION SO AS TO MINIMIZE THE POTENTIAL FOR INADVERTENT IMPACTS FROM CONSTRUCTION ACTIVITIES.
38. THE APPLICANT SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE MHCSD EMERGENCY PREPAREDNESS PLAN.
39. ANY CONSTRUCTION ACTIVITY REQUIRING USAGE OF MHCSD UTILITIES OR CONNECTION TO SUCH UTILITIES FOR FUTURE USAGE WILL REQUIRE THE CONTRACTOR/DEVELOPER TO OBTAIN A PERMIT AND TO ESTABLISH A USAGE ACCOUNT PRIOR TO COMMENCEMENT OF WORK OR CONNECTION TO THOSE UTILITIES.
40. CONTRACTOR TO HAVE COPIES OF THE APPROVED PLANS AND PERMITS ON SITE AT ALL TIMES.

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE PERFORMANCE OF WORK, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, ON A CONTINUOUS BASIS NOT LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS BLAIR, CHURCH & FLYNN CONSULTING ENGINEERS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF BLAIR, CHURCH & FLYNN CONSULTING ENGINEERS.

WATCH FOR OVERHEAD POWER LINES

TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION THE CONTRACTOR SHALL CALL "USA" (UNDERGROUND SERVICE ALERT) TOLL FREE AT 1-800-227-2600.

811 Know what's below. Call before you dig.

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APPROVED: ______ W.S.I.D. DISTRICT ENGINEER ______ DATE

REVISIONS			
NO.	DESCRIPTION	DATE	APP.

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT
APPROVED BY: ______ NAME
TITLE: ______
DATE: ______

REGISTERED PROFESSIONAL ENGINEER CORDIE R. QU... No. 28,185 Exp. 3/31/10 CIVIL STATE OF CALIFORNIA

Blair, Church & Flynn
CONSULTING ENGINEERS

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT
PIPELINE REPLACEMENT AT BYRON ROAD
COVER SHEET AND VICINITY MAP

COMP FILE NO.
PLAN FILE NO. 0403
SHEET: 1 OF: 4

Drawing: P:\209-0383\dwg-site\dwg\209363cv01.dwg: Layout1 - BCF.ctb
Plot by: Cordie Feb 25, 2010 - 11:49am

BASE BID, STA: 7+38.29, 9.5' LT
FURNISH AND INSTALL AIR VENT AND APPURTENANCES PER DETAIL A/3

BASE BID
STA: 8+95.50, 9.5' LT
POTHOLE AND LOCATE END OF EXISTING 48" REINFORCED CONCRETE CYLINDER PIPE. REMOVE EXISTING COLLAR TO CLEAN PIPE WALL, BUTT NEW PIPE TO EXISTING AND MAKE COLLAR CONNECTION PER DETAI B/2

BASE BID
PROVIDE SUPPORT FOR POWER POLE PER PG&E COMPANY REQUIREMENTS

BASE BID
FURNISH AND INSTALL 130± L.F. OF 48" REINFORCED CONCRETE IRRIGATION PIPE ASTM C-361 CL B-125

BASE BID
REMOVE AND REPLACE MAIL BOX

BASE BID
REMOVE 130± L.F. OF EXISTING STEEL REINFORCED CAST IN PLACE CONCRETE PIPE

BASE BID
STA: 10+25.09, 12.3' LT
POTHOLE AND LOCATE EXISTING 48" STEEL REINFORCED CAST IN PLACE CONCRETE PIPE.

BASE BID & ADD ALTERNATIVE
EXISTING MANHOLES TO REMAIN. CLEAN PRESSURE LID AND FLANGE. INSTALL NEW GASKETS, BOLTS, AND NUTS.

ADD ALTERNATIVE
STA: 10+26.00, 12.5' RT
POTHOLE AND LOCATE EXISTING 48" STEEL REINFORCED CAST IN PLACE CONCRETE PIPE.

ADD ALTERNATIVE
REMOVE 127± L.F. OF EXISTING STEEL REINFORCED CAST IN PLACE CONCRETE PIPE

ADD ALTERNATIVE
STA: 8+99.00, 12.5' RT
POTHOLE AND LOCATE END OF EXISTING 48" REINFORCED CONCRETE CYLINDER PIPE. REMOVE EXISTING COLLAR TO CLEAN PIPE WALL, BUTT NEW PIPE TO EXISTING AND MAKE COLLAR CONNECTION PER DETAIL B/2

ADD ALTERNATIVE
FURNISH AND INSTALL 127± L.F. OF 48" REINFORCED CONCRETE IRRIGATION PIPE ASTM C-361 CL B-125

BASE BID
PLACE 6" THICK CLASS II AGGREGATE BASE OVER 6" COMPACTED NATIVE SOIL PER DETAIL A/2

GRAVEL/DIRT ROAD
8+00
9+00
10+00
STA: 8+82.50
CENTERLINE OF IRRIGATION DISTRICT PIPELINES
BYRON ROAD
UNION PACIFIC RAILROAD
50' UPRR RIGHT OF WAY
FIELD

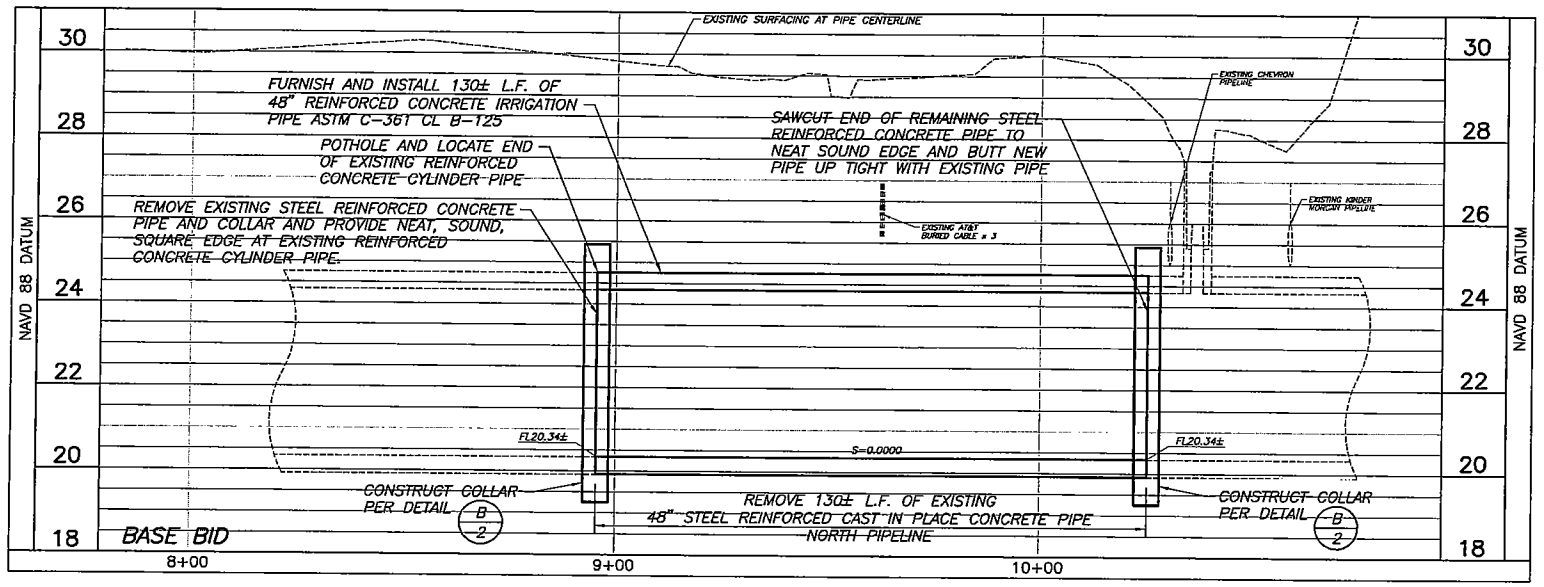
NOTE: PRIVATE RESIDENCE THAT USES ACCESS DRIVEWAY FROM BYRON ROAD HAS TWO ACCESS DRIVEWAYS TO MOUNTAIN HOUSE PARKWAY.

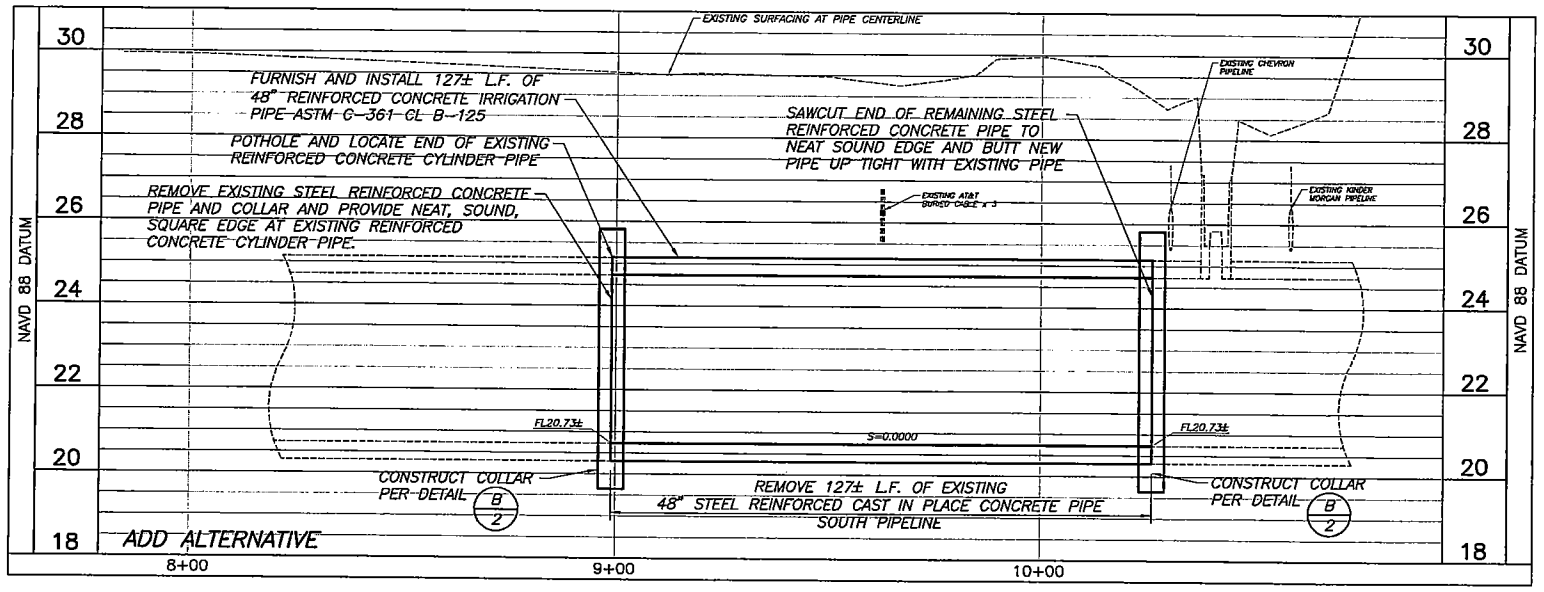
0 5 10 20 40
SCALE IN FEET
HORIZONTAL SCALE : 1" = 20'
VERTICAL SCALE : 1" = 2'

PLAN
SCALE: 1"=20'

LEGEND

AC	ASPHALTIC CONCRETE
C	CONCRETE
EP	EDGE OF PAVEMENT
FL	FLOWLINE
LID	LID OF UTILITY STRUCTURE
RR	RAILROAD
SBM	SITE BENCHMARK
UG	UNDERGROUND GAS
(335.71)	EXISTING SPOT ELEVATION
	BM=BENCHMARK; OR TBM=TEMPORARY BENCHMARK
	CONTROL POINT
	GUY WIRE
MB	MAILBOX
	MANHOLE
PP	POWER POLE
STP	STANDPIPE
TSB	TELEPHONE SPLICE BOX
UP	UTILITY POLE
	SQUARE WOOD POST; SIZE AS SHOWN
WV	WATER VALVE
	EDGE OF ASPHALT CONCRETE PAVEMENT
	EXISTING CONCRETE IMPROVEMENTS
ID	EXISTING IRRIGATION PIPELINE
G	EXISTING UNDERGROUND GAS
P	EXISTING UNDERGROUND PETROLEUM





REVISIONS

NO.	DESCRIPTION	DATE	APP.

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT

APPROVED BY: _____ NAME _____ TITLE: _____ DATE: _____

REGISTERED PROFESSIONAL ENGINEER
GEORGE R. QUIST
No. 28,185
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

Blair, Church & Flynn
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400 Clovis Avenue, Suite 200
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MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT
PIPELINE REPLACEMENT AT BYRON ROAD
PLAN AND PROFILE

COMP FILE NO.
PLAN FILE NO. 0403
SHEET: 2 OF: 4

Plot By: Jaime Ortiz 10/20/2009 Layout: BCP.dwg
File Name: P:\0403\Engineering\Plans\Byron Road\Plan and Profile\BCP.dwg

DETOUR AND TRAFFIC CONTROL NOTES:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING AND MAINTAINING ADEQUATE TRAFFIC CONTROL AND DETOUR SIGNS AT ALL TIMES AND IN CONFORMANCE WITH ENCROACHMENT PERMITS, CAL-MUTD AND WATCH MANUALS.

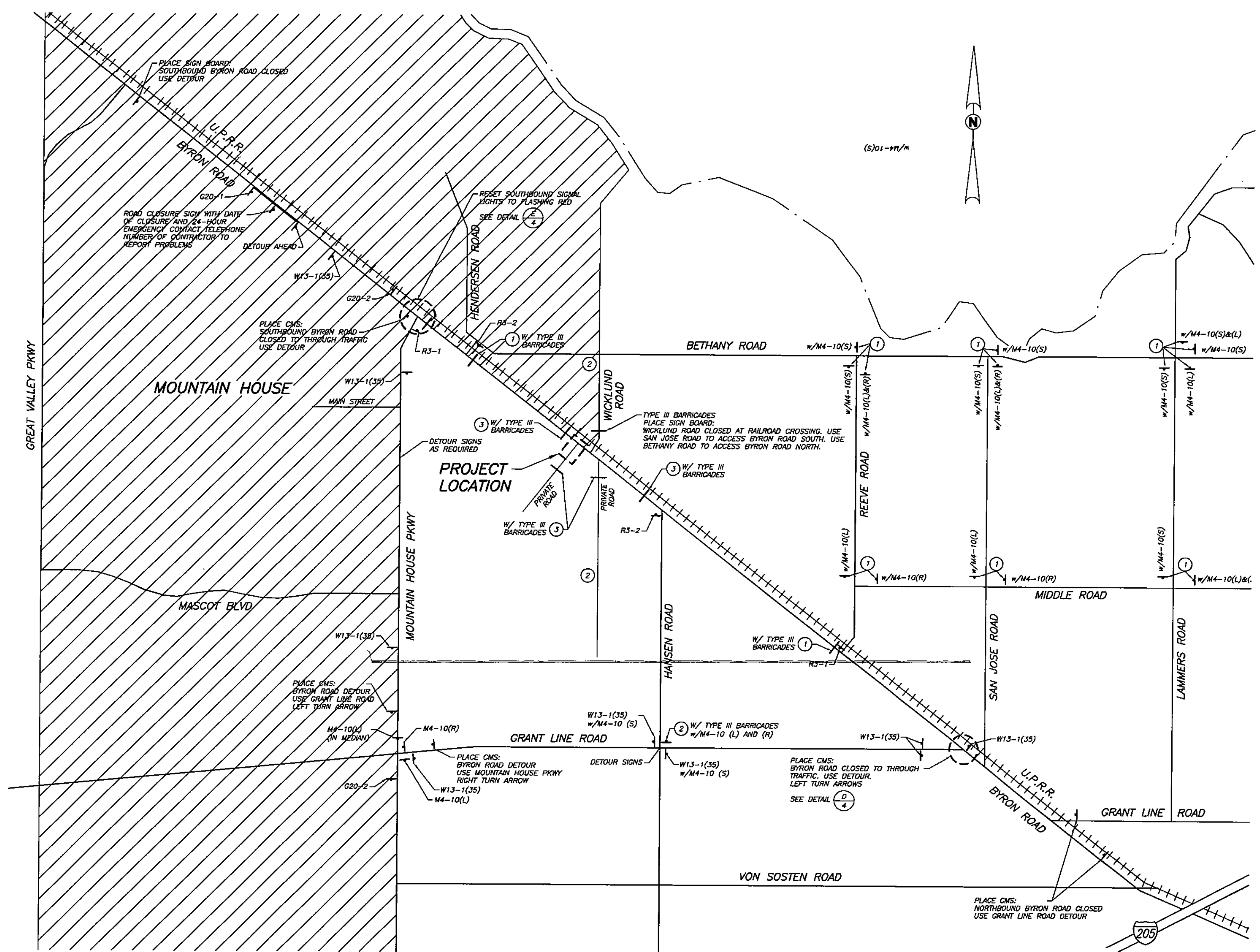
THE CONTRACTOR SHALL SECURE THE SITE OF WORK AT ALL TIMES. CHILDREN SHALL NOT BE ALLOWED IN OR ALONG THE EXCAVATION, ON SPOIL PILES OR AT OTHER UNSUITABLE LOCATIONS WITHIN THE WORK. THE CONTRACTOR SHALL PROVIDE SUITABLE TRAFFIC AND PEDESTRIAN WARNING DEVICES AND SIGNS NECESSARY AT OR NEAR THE WORK AS REQUIRED BY SAFETY CONSIDERATIONS AND/OR JURISDICTIONAL AUTHORITIES.

REFERENCE IS MADE TO THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND THE SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS. TRAFFIC CONTROL REQUIREMENTS FOR WORK WITHIN THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT SHALL BE COORDINATED TO CONFORM TO THE REQUIREMENTS OF THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND AS SPECIFIED HEREIN.

1. THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2006 IS HEREBY REFERRED TO AND INCORPORATED HEREIN AS THOUGH SET FORTH IN FULL.
2. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN CROSSINGS AT SIGNALS WITH ADEQUATE VISIBILITY FOR APPROACHING TRAFFIC.
3. THE CONTRACTOR SHALL NOTIFY COUNTY FIRE, AMBULANCE, COUNTY SHERIFF, RAPID TRANSIT DISTRICT, SOLID WASTE, EMERGENCY SERVICES, SCHOOL DISTRICTS, US POSTAL SERVICE, AND MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND SAN JOAQUIN COUNTY TRAFFIC ENGINEERS AT LEAST 48 HOURS IN ADVANCE OF ANY PROPOSED STREET CLOSURE. ANY STREET CLOSURES MUST HAVE PRIOR APPROVAL OF BOTH MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND SAN JOAQUIN COUNTY.
4. CONTRACTOR SHALL COMPLETE ENCROACHMENT PERMIT ATTACHING CONSTRUCTION AND PROPOSED DETOUR PLAN TO THE MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND SAN JOAQUIN COUNTY TRAFFIC ENGINEERS AND GAIN APPROVAL OF SAID PLAN PRIOR TO THE BEGINNING OF CONSTRUCTION.
5. SPECIFIC TRAFFIC CONTROL MEASURES AS NOTED AND SHOWN ON THE PLANS SHALL BE PROVIDED BY THE CONTRACTOR AS FOLLOWS:
   - (a) HIGH LEVEL WARNING IS TO BE USED IN ADVANCE OF THE PROJECT ALONG WITH THE NORMAL CONSTRUCTION SIGNS. ALL SIGNING MUST CONFORM TO THE FEDERAL MUTCD AS AMENDED BY CALIFORNIA. MORE PRECISELY, ALL SIGNING MUST BE OF STANDARD SIZE, REFLECTIVITY, SHAPE AND COLOR. NON-STANDARD SIGNS, SUCH AS BLACK ON YELLOW "NO LEFT TURN" SIGNS WILL NOT BE ALLOWED. WHEN A REGULATORY SIGN IS USED TO PROHIBIT A VEHICULAR MOVEMENT, TWO SIGNS MUST BE USED. EXAMPLE: TO PROHIBIT LEFT TURNS, ONE SIGN MUST BE AT THE INTERSECTION AND ANOTHER 100' TO 200' BACK FROM THE INTERSECTION. A COMPLETE DETAILED DESCRIPTION OF TRAFFIC CONTROL SIGNS CAN BE FOUND IN THE CALIFORNIA MUTCD.
   - (b) BARRICADES SHALL BE PLACED AT APPROXIMATELY 50 FOOT CENTERS ALONG ANY CONSTRUCTION OR EXCAVATED SITE FOR THE PROTECTION OF BOTH THE SITE AND THE VEHICULAR TRAFFIC. IN TRANSITION AREAS, WHERE TRAFFIC IS BEING MOVED OVER, BARRICADES (OR CONES, AS DIRECTED BY THE JURISDICTIONAL AGENCY) SHALL BE AT 30 FOOT CENTERS. TAPERS SHALL BE IN ACCORDANCE WITH WATCH (WORK AREA TRAFFIC CONTROL HANDBOOK) USING A TRAVEL SPEED OF 55 MPH.
   - (c) WHERE TRAFFIC IS TO BE MOVED OUT OF ITS NORMAL POSITION, LIGHTED ARROW BOARDS SHALL BE PROVIDED AS REQUIRED.
   - (d) EXISTING PAINTED STRIPING, ROAD STENCIL WORK AND PAVEMENT MARKERS WHICH CONFLICT WITH DETOUR LAYOUT SHALL BE REMOVED. CONFLICTING SIGNS SHALL BE COVERED.
   - (e) ANY PAINTED STRIPING, ROAD STENCIL WORK AND PAVEMENT MARKERS REMOVED FOR TRAFFIC DETOURS OR DAMAGED DURING CONSTRUCTION SHALL BE REPAINTED OR REPLACED TO CURRENT STANDARDS BY THE CONTRACTOR IN CONFORMANCE WITH MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND SAN JOAQUIN COUNTY STANDARDS.
   - (f) BYRON ROAD MAY BE CLOSED TO TWO WAY TRAFFIC DURING NIGHT TIME HOURS (6:00 PM TO 5:00 AM) FOR A MAXIMUM OF FOUR (4) DAYS.
   - (g) BYRON ROAD MUST BE OPEN TO TWO WAY TRAFFIC DURING NON-WORKING HOURS. THE CONTRACTOR SHALL PROVIDE TRENCH PLATING CAPABLE OF SUPPORTING HS20 TRUCK LOADING DURING NON-WORKING HOURS AND WEEKENDS.
   - (h) THE CONTRACTOR SHALL PROVIDE AND MAINTAIN CMS BOARDS AT GRANTLINE ROAD AND BYRON ROAD (BOTH INTERSECTIONS), GRANT LINE ROAD AND MOUNTAIN HOUSE PARKWAY, AT MOUNTAIN HOUSE PARKWAY AND BYRON ROAD, BYRON ROAD IN ADVANCE OF MOUNTAIN HOUSE PARKWAY ADVISING MOTORISTS OF THE ROAD CLOSER AND DETOUR ROUTE 7 DAYS PRIOR TO THE ROAD CLOSURE. DURING THE CONSTRUCTION PERIOD, THESE SIGNS SHALL BECOME INFORMATIONAL AND PART OF THE DETOUR SIGNAGE.
   - (i) THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ROAD CLOSURE SIGNS, TRAFFIC CONTROL SIGNS AND DELINEATORS AT ALL TIMES AND LOCATIONS AS REQUIRED BY THIS DETOUR PLAN AND THE MOUNTAIN HOUSE COMMUNITY SERVICE DISTRICT AND SAN JOAQUIN COUNTY TRAFFIC ENGINEERS.
   - (j) THE CONTRACTOR SHALL COORDINATE RESETTING ANY TRAFFIC SIGNAL LIGHTS SET TO FLASHING RED AND BACK TO NORMAL WITH MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT AND SAN JOAQUIN COUNTY.
   - (k) THE CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS TO PRIVATE RESIDENCES ADJACENT TO THE WORK ALL TIMES.
   - (l) ALL SIGN BARRICADES SHALL BE WEIGHTED WITH SAND BAGS TO PREVENT COLLAPSE DURING HIGH WINDS.
   - (m) ALL CONES SHALL BE MINIMUM 28" IN HEIGHT.
   - (n) THE CONTRACTOR SHALL RESTORE ALL STRIPING AND MARKINGS PRIOR TO ALLOWING TRAFFIC TO ENTER WORK AREA.
   - (o) EMERGENCY VEHICLES ON BYRON ROAD SHALL BE MAINTAINED 24 HOURS PER DAY, 7 DAYS PER WEEK.
   - (p) STEEL PLATING FOR TRENCH COVERS SHALL BE COATED WITH "NON-SKID" MATERIAL AND SHALL HAVE A MINIMUM OF 2 FEET OF TEMPORARY ASPHALT PAVEMENT RAMP INSTALLED ON ALL APPROACH EDGES.

LEGEND

(1)	C3A TYPE N RED REFLECTIVE SIGN	BYRON ROAD CLOSED GRANT LINE TO WICKLUND
(2)	C3A TYPE N RED REFLECTIVE SIGN	ROAD CLOSED TO THRU TRAFFIC
(3)	C3A TYPE N RED REFLECTIVE SIGN	ROAD CLOSED
W13-1	CONSTRUCTION SPEED LIMIT (35 MPH)	
M4-10	DETOUR ARROW (L=LEFT) (R=RIGHT) (S=STRAIGHT)	
R3-1	NO RIGHT TURN	
R3-2	NO LEFT TURN	
G20-1	ROAD WORK AHEAD	
G20-2	END ROAD WORK	
R5-1	DO NOT ENTER	
R6-1	ONE WAY SIGN (L=LEFT) (R=RIGHT)	
CMS	CHANGEABLE MESSAGE SIGN	
WATCH	WORK AREA TRAFFIC CONTROL HANDBOOK	



C/3 **DETOUR PLAN**
NOT TO SCALE

SAN JOAQUIN COUNTY TRAFFIC ENGINEERING NOTES:
1. TYPE III BARRICADES SHALL BE EQUIPPED WITH FLASHERS
2. ALL DETOUR SIGNS SHALL BE COVERED OR REMOVED WHEN DETOUR IS NOT IN EFFECT.

REVISIONS			
NO.	DESCRIPTION	DATE	APP.

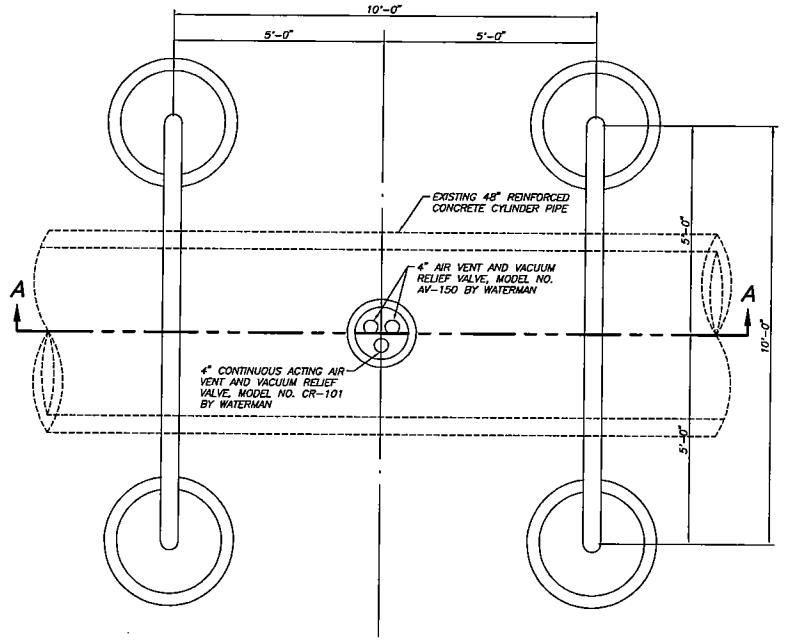
MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT
APPROVED BY: ______ NAME
TITLE: ______
DATE: ______

REGISTERED PROFESSIONAL ENGINEER No. 28,185 Exp. 3/31/10 CIVIL STATE OF CALIFORNIA

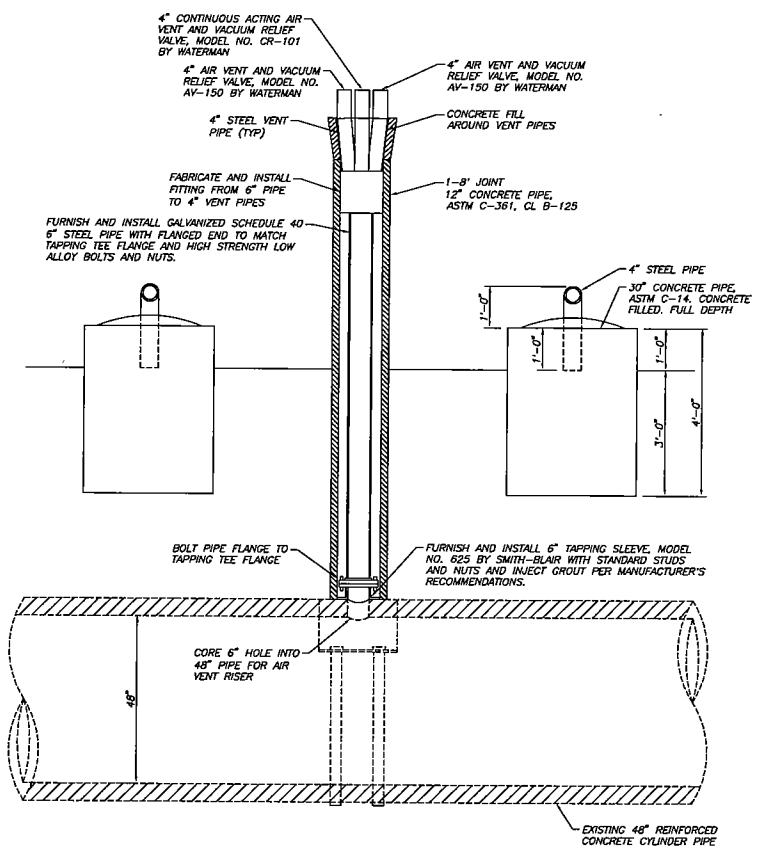
Blair, Church & Flynn
CONSULTING ENGINEERS

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT
PIPELINE REPLACEMENT AT BYRON ROAD
DETOUR PLAN

COMP FILE NO.
PLAN FILE NO. 0403
SHEET: 3 OF: 4

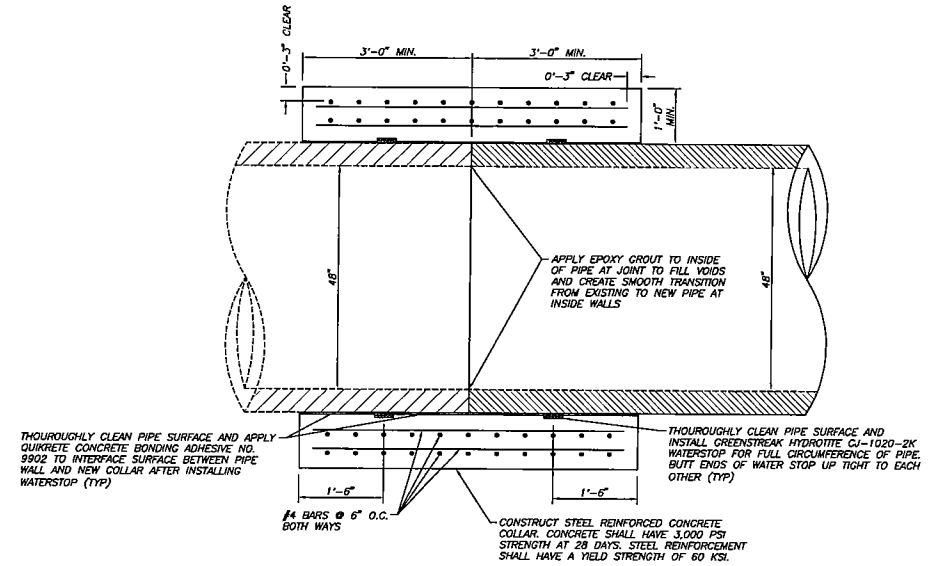


PLAN

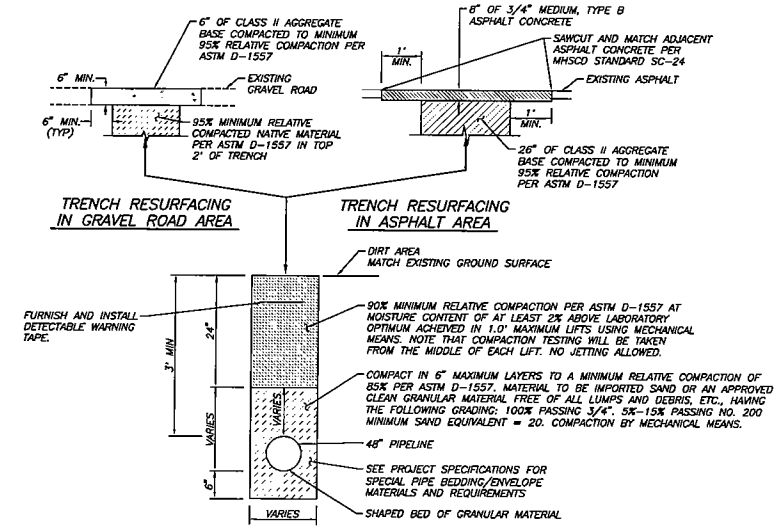


SECTION A-A

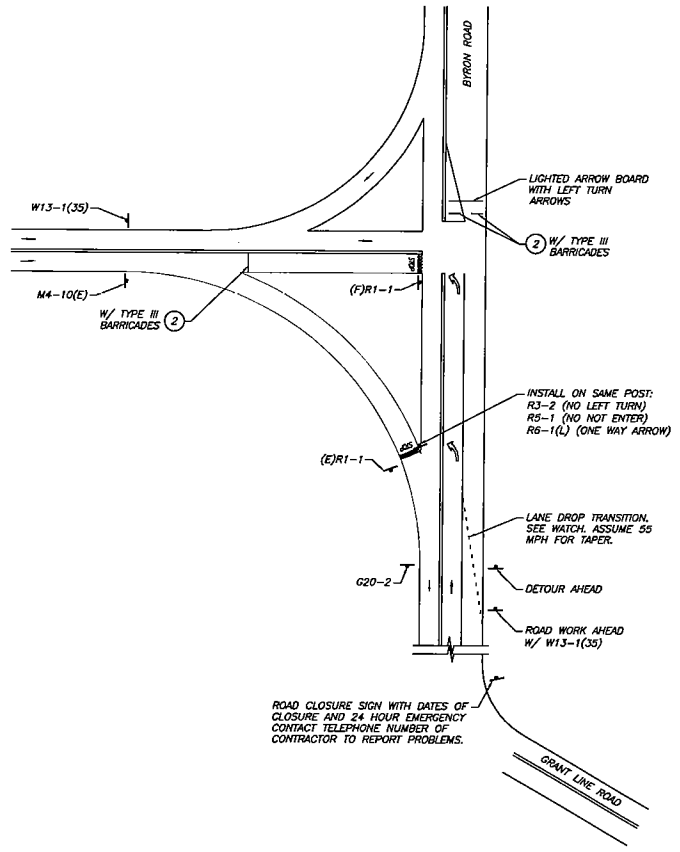
A/4 AIR VENT DETAIL
NOT TO SCALE



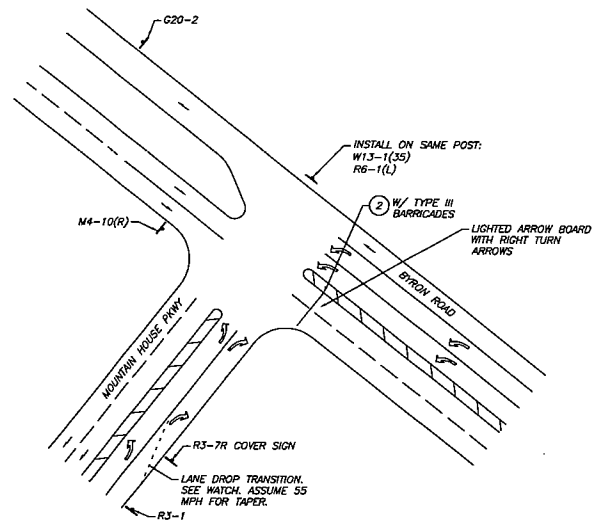
B/4 CONCRETE COLLAR – BASE BID AND ADD ALTERNATIVE
NOT TO SCALE



C/4 TYPICAL TRENCH BACKFILL AND RESURFACING BASE BID AND ADD ALTERNATIVE
NOT TO SCALE



D/4 DETOUR SIGNS AT GRANTLINE ROAD AND BYRON ROAD
NOT TO SCALE



E/4 DETOUR SIGNS AT MOUTAIN HOUSE PKWY AND BYRON RD
NOT TO SCALE

NO.	DESCRIPTION	DATE	APP.

REVISIONS

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT

APPROVED BY: _____ NAME _____ DATE: _____

TITLE: _____

REGISTERED PROFESSIONAL ENGINEER — CLAUDETTE R. QUIST — No. 28,185 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT

PIPELINE REPLACEMENT AT BYRON ROAD

DETAILS

COMP FILE NO.

PLAN FILE NO. 0403

SHEET: 4 OF: 4

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Plot By: Claude Feb 26, 2010 - 10:15am